

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20020011101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:24
S2	6	"6202608"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:32
S3	5	hayase-yuichiro.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:33
S4	16	tsubone-kenji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:36
S5	131	yanai-akihiro.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:07
S6	53	kadowaki-yoshinori.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:39
S7	50	fuwa-toshio.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 10:39
S8	0	"6626146".URPN.	USPAT	OR	ON	2004/06/21 10:40
S9	4	("4706619"   "5499157"   "5915347"   "6276318").PN.	USPAT	OR	ON	2004/06/21 10:40
S10	753	123/90.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:08
S11	4889	251/129.01,129.1,129.15,129.16. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:08
S12	1960	701/101,102,103,105,115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:08
S13	203	123/90.11.ccls. and 251/129.01, 129.1,129.15,129.16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:08

S14	1	251/129.01,129.1,129.15,129.16. ccls. and 701/101,102,103,105,115. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:09
S15	5	123/90.11.ccls. and 701/101,102, 103,105,115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:28
S16	1	"6505113".URPN.	USPAT	OR	ON	2004/06/21 11:15
S17	3	("5190013"   "5964192"   "6196172").PN.	USPAT	OR	ON	2004/06/21 11:16
S18	7393	123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:28
S19	2	(123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (control or controller or ECU) same (((process\$3 adj unit) or CPU) with (group\$3 near3 valve))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:33
S20	9	(123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (control or controller or ECU) same (((process\$3 adj unit) or CPU) with group\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 12:08
S21	3	(123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (control or controller or ECU) same (((process\$3 adj unit) or CPU) same (((multiple or several or group\$3) near3 valve) with control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 11:56
S22	5	(123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (((process\$3 adj unit) or CPU) same ((multiple or several or group\$3) near3 valve))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 12:13
S23	19	(123/90.11.ccls. or 251/129.01,129. 1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (process\$3 same ((multiple or several or group\$3) near3 valve))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 12:00
S24	5568	(control or controller or ECU) same (((process\$3 adj unit) or CPU) with group\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 12:08

S25	37	((control or controller or ECU) same (((process\$3 adj unit) or CPU) with group\$3)) and ("123"/\$ or "251"/\$). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 12:09
S26	318	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ((multiple or several or group\$3) near3 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 14:54
S27	101	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ((multiple or several or group\$3) near3 valve with control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 17:26
S28	0	"6636782".URPN.	USPAT	OR	ON	2004/06/21 12:21
S29	6	("3826368"   "3969703"   "4237932"   "4463416"   "5602728"   "5748466").PN.	USPAT	OR	ON	2004/06/21 12:21
S30	0	"6626146".URPN.	USPAT	OR	ON	2004/06/21 12:22
S31	4	("4706619"   "5499157"   "5915347"   "6276318").PN.	USPAT	OR	ON	2004/06/21 12:23
S32	1257	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:16
S33	263	((123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:17
S34	20	((123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and valve with overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:17
S35	466	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:06
S36	84	((123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:06

S37	13	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)) and valve with overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 16:18
S38	18	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:09
S39	5	(((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)) and overlap\$4) not (((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)) and valve with overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:09
S40	42	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:20
S41	22	(((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and overlap\$4) not (((123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and valve with overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:10
S42	1021	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:16
S43	193	((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (computer or valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:19

S44	16	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (computer or valve)) and valve with overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:17
S45	188	((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and computer) and (multiple or several or plural or group or cluster) with (computer or valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:19
S46	70	((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and computer) and (multiple or several or plural or group or cluster) with computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:22
S47	10	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and computer) and (multiple or several or plural or group or cluster) with computer) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:20
S48	456	(multiple or several or plural or group or cluster) with (computer or control\$3 or unit) and (valve near3 overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:34
S49	242	((multiple or several or plural or group or cluster) with (computer or control\$3 or unit) and (valve near3 overlap\$4)) and ("123"/\$ or "251"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:25
S50	34	((multiple or several or plural or group or cluster) with (computer or control\$3 or unit) and (valve near3 overlap\$4)) and ("123"/\$ or "251"/\$).ccls.) and group with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:26

S51	32	(((((multiple or several or plural or group or cluster) with (computer or control\$3 or unit) and (valve near3 overlap\$4)) and ("123"/\$ or "251"/\$).ccls.) and group with valve) not ((((((123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and overlap\$4) not (((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (unit or valve)) and valve with overlap\$4)) or (((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and control adj unit) and (multiple or several or plural or group or cluster) with (computer or valve)) and valve with overlap\$4) or (((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and computer) and (multiple or several or plural or group or cluster) with computer) and overlap\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:26
S52	8	(multiple or several or plural or group or cluster) with ?CU and (valve near3 overlap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 15:35
S53	4	((((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and ?CU) and (multiple or several or plural or group or cluster) with (?CU or valve)) and (valve with overlap\$4) and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 16:19
S54	127	(123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101, 102,103,105,115.ccls.) and (multiple or several or two or three or four) near2 process\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 16:30
S55	20	((123/90.11.ccls. or 251/129.01, 129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.) and (multiple or several or two or three or four) near2 process\$3) and (processors! or (processing adj units!))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 16:31

S56	14	"4641613".URPN.	USPAT	OR	ON	2004/06/21 16:46
S57	9	("1794799"   "1934238"   "1952881"   "2528983"   "3709201"   "4009695"   "4096697"   "4114643"   "4176624").PN.	USPAT	OR	ON	2004/06/21 16:53
S58	1	(US-6636782-\$).did.	USPAT	OR	OFF	2004/06/21 17:25
S59	1	((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 17:26
S60	0	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 17:27
S61	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 18:10
S62	0	(((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift)) and (low near2 (speed or load))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 17:28
S63	1	(((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift)) and low	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 17:29
S64	1	(US-4641613-\$).did.	USPAT	OR	OFF	2004/06/21 18:04
S65	0	((US-4641613-\$).did.) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 18:06
S66	1	((US-4641613-\$).did.) and (open\$3 or clos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 18:05
S67	4	(US-6626146-\$ or US-6636782-\$ or US-6505113-\$ or US-4641613-\$). did.	USPAT	OR	OFF	2004/06/21 18:06
S68	1	((US-6626146-\$ or US-6636782-\$ or US-6505113-\$ or US-4641613-\$). did.) and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 18:07
S69	0	(((((US-6626146-\$ or US-6636782-\$ or US-6505113-\$ or US-4641613-\$). did.) and overlap\$4) and (low near2 (load or speed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/21 18:08

S70	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:15
S71	0	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder and (intake or inlet or exhaust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:15
S72	0	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder and (engine adj valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:16
S73	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:18
S74	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:27
S75	0	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and minimiz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:27
S76	0	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and optimiz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:27
S77	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:29
S78	1	((((US-6636782-\$).did.) and ((multiple or several or group\$3) near3 valve with control\$4)) and (timing or lift) and cylinder and open\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/22 10:29
S79	4	(US-4641613-\$ or US-6505113-\$ or US-6626146-\$ or US-6636782-\$). did.	USPAT	OR	ON	2004/10/28 09:49
S80	0	S79 and (plural or multiple or several) with valve near2 (group\$3 or combin\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 09:50
S81	7531	123/90.11.ccls. or 251/129.01,129.1,129.15,129.16.ccls. or 701/101,102,103,105,115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 09:50



S82	6	S81 and (plural or multiple or several) with valve near2 (group\$3 or combin\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 09:50
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